Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 17 Apr 2023 until 23:59 on Tuesday 18 Apr 2023

Forecast Issued on Monday 17 Apr 2023 at 04:09

Confidence: High confidence for largely settled conditions the next few days. Lower for cloud details, and for any precipitation from Wednesday.

Headline for Monday 17 Apr 2023: Cloudy start, sunny spells later.

Mountain weather hazards on Monday 17 Apr 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Cloudy	Cloudy	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability					
30%	20%	10%	10%	<05%	<05%

Forecast for Monday 17 Apr 2023

Weather: Widespread cloud with outbreaks of mostly light rain and drizzle into the morning, but cloud slowly thinning. Becoming dry by late morning, with sunny spells developing for the afternoon. Further low cloud potentially moving into eastern parts of the Park during the evening.

Chance of cloud-free hill tops above 600m: 20% becoming 95% by early afternoon.

Low cloud and visibility: Widespread low cloud at first, with bases down towards 300-400m in places. Cloud lifting and breaking during the morning, with cloud above the hilltops for the afternoon. Low cloud with bases 200-300m possibly moving into the far east of the Park by late evening. Visibility will be poor in drizzle or very poor in cloud covering the hills. Becoming mostly good for the afternoon.

Check our weather forecast every day to get the most accurate and up to date information
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Met Office Mountain Weather Forecast

Forecast for Monday 17 Apr 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/13 E	10/12 SE	9/13 E	10/14 E	11/17 E	13/18 E	13/18 E
300	4/8 E	5/8 SE	8/12 E	7/11 E	8/14 E	8/17 E	9/14 NE
Valley	6/8 E	3/6 SE	7/11 SE	6/11 E	7/15 E	10/19 E	10/20 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/5	8/5	9/6	10/8	9/6	6/3	4/-1
300	9/8	10/9	12/10	13/12	12/11	8/6	6/2
Valley	10/8	11/11	13/12	14/13	13/12	8/6	6/3
Freezing Level*	2200m	2200m	2000m	1800m	1700m	1300m	1300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A day for layers. Cloudy and damp at first, but some spells of strong sunshine for the afternoon, although temperatures will remain chilly at height. Note deteriorating conditions in the far east during the evening as cloud moves in.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 17 Apr 2023	0.4mm	0.4mm	11.4mm

Forecast for Tuesday 18 Apr 2023

Weather: Areas of low cloud overnight, mainly in the east of the Park, with some drizzle possible. Low cloud clearing by mid-morning to leave a dry day with little cloud giving strong sunshine. Some patchy low cloud perhaps re-developing in eastern parts during the evening. Becoming breezy, with gusty winds possible at height and on downslopes in the west.

Maximum wind: East or northeast 20-25 mph, gusting 30-35 mph.

Chance of cloud-free hill tops above 600m: 30%, becoming 100% by mid-morning. Becoming 60% during the evening.

Low cloud and visibility: Widespread low cloud at first, with bases 300-500m. Cloud lifting and breaking by mid-morning. Periods of cloud with bases 300-400m in the east of the Park by late evening. Visibility will be poor in drizzle or very poor in cloud covering the hills. Becoming mostly good by mid-morning.

Temperature: **Valleys:** Plus 3 Celsius becoming plus 13 Celsius by mid-afternoon
At 600m: Plus 4 or 5 Celsius
Freezing level: Above the hilltops

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